

CLAIMS

What is claimed is:

Sub Bp
09627194-0727
16722960

1. A method for repairing a defect in a display having pixel regions formed on a substrate, comprising the step of:

irradiating a multi-layer region formed by stacking a plurality of conductive layers with insulation layers interposed with a laser beam to selectively remove only an upper conductive layer in the vicinity of said multi-layer region such that neither inter-layer short-circuit nor short-circuit in a single layer occurs in said multi-layer region.

2. A method for repairing a defect in a display having pixel regions formed on a substrate, comprising the step of:

irradiating a multi-layer region formed by stacking a plurality of conductive layers with insulation layers interposed with a laser beam to remove said plurality of conductive layers in said multi-layer region such that no inter-layer short-circuit occurs.

Sub Bp
3. A method for repairing a defect in a display having pixel regions formed on a substrate, comprising the step of:

forming a bypass for a broken portion of a gate bus line by separating or connecting said gate bus line from or to a drain electrode or a source electrode of a TFT or

a pixel electrode or a storage capacitor bus line which is formed with an insulation film interposed through local irradiation with a laser beam, thereby allowing said broken portion to be repaired.

38
4. A display having a plurality of bus lines formed in a display area, comprising:

a repair line connectable to a plurality of extraction lines, for repairing a line breakage that has occurred at an extraction wiring portion extending between said display area and respective terminals for said plurality of bus lines.

004227194072700
504 A2
5. A display having a plurality of bus lines formed in a display area, comprising:

an auxiliary line formed in a layer above or under an extraction wiring portion for said bus lines with an insulation film interposed therebetween.

Add
B10